

3. A traction pin assembly for joining a railcar cab with a railcar truck assembly comprising:

a one-piece cast traction pin body having a non-hollow unitary structure defining a mounting plate and a cylindrical pin, the traction pin body including a tapered region extending from the mounting plate to the cylindrical pin;

B2 a rectangular plate defining a circular opening for receiving the mounting plate of the traction pin body, the traction pin body welded to the rectangular plate;

a bottom mounting plate welded to the rectangular plate;

a pair of sills, each sill defining a first side and a second side, the first side welded to the bottom mounting plate; and

a top mounting plate welded to the second side of each of the sills, the top mounting plate welded to the railcar cab.

7. A traction pin assembly for joining a railcar cab with a railcar truck assembly comprising:

B3 a one-piece cast traction pin body defining a circular mounting plate and a cylindrical pin, the traction pin body having a non-hollow unitary structure and including a frustum region extending from the mounting plate to the cylindrical pin, the frustum region formed integral with the circular mounting plate;

a rectangular plate defining a circular opening for receiving the mounting plate of the traction pin body, the traction pin body welded to the rectangular plate;

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a bottom mounting plate welded to the rectangular plate;
a pair of sills, each sill defining a first side and a second side, the first side welded to the bottom mounting plate; and
a top mounting plate welded to the second side of each of the sills, the top mounting plate welded to the railcar cab.

10. A traction pin assembly for joining a railcar cab with a railcar truck assembly comprising:

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a one-piece cast traction pin body defining a circular mounting plate and a cylindrical pin, the traction pin body further defining a non-hollow unitary structure and including a frustum region extending from the mounting plate to the cylindrical pin, the frustum region formed integral with the circular mounting plate;

a rectangular plate defining a circular opening for receiving the mounting plate of the traction pin body, the traction pin body welded to the rectangular plate;

a bottom mounting plate welded to the rectangular plate;

a pair of sills, each sill defining a first side and a second side, the first side welded to the bottom mounting plate; and

a top mounting plate welded to the second side of each of the sills, the top mounting plate welded to the railcar cab.

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12. A traction pin assembly for joining a railcar cab with a railcar truck assembly comprising: